FIG.1

INTRODUCTION SERVICE SUPPORT SYSTEM

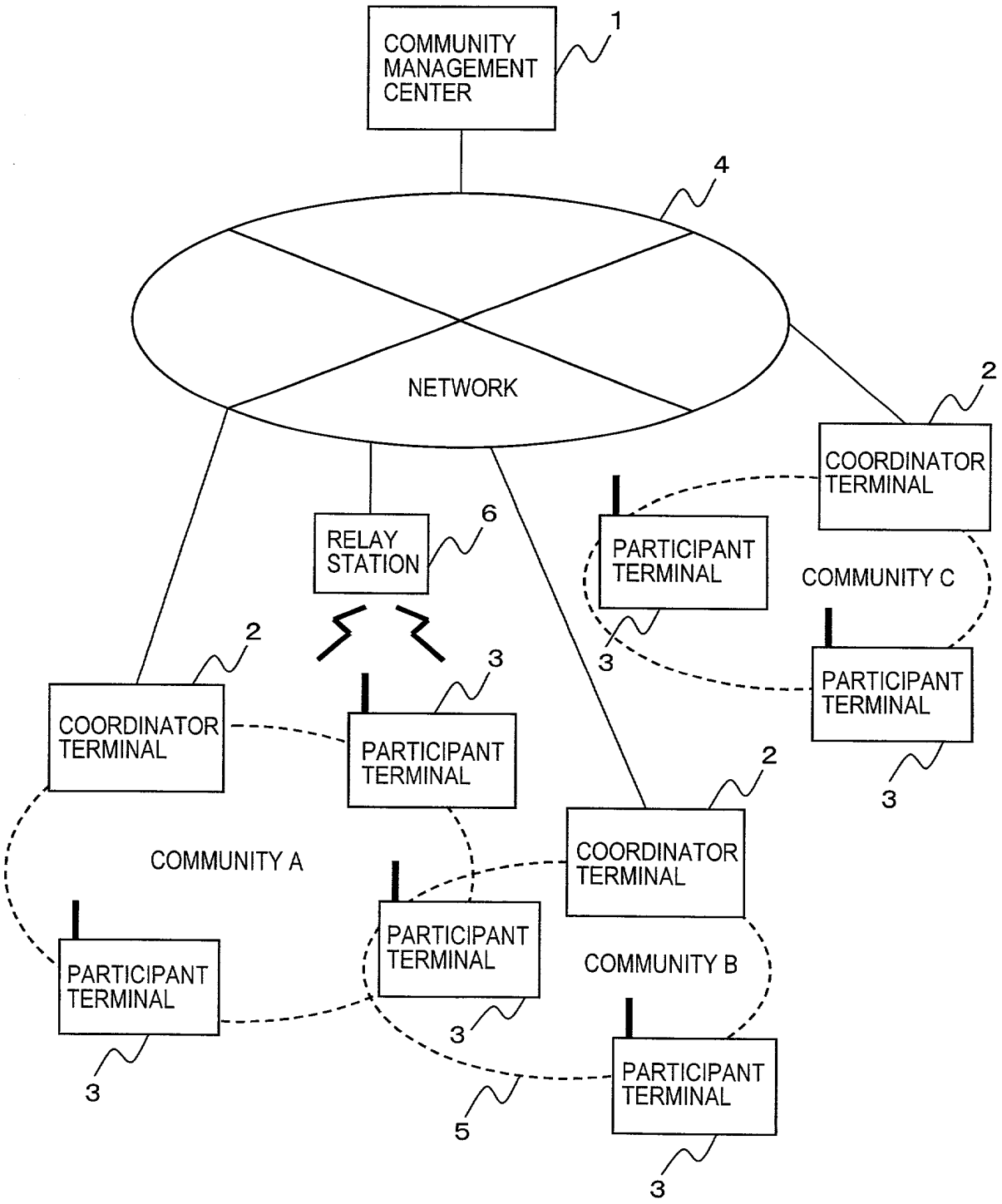


FIG.2

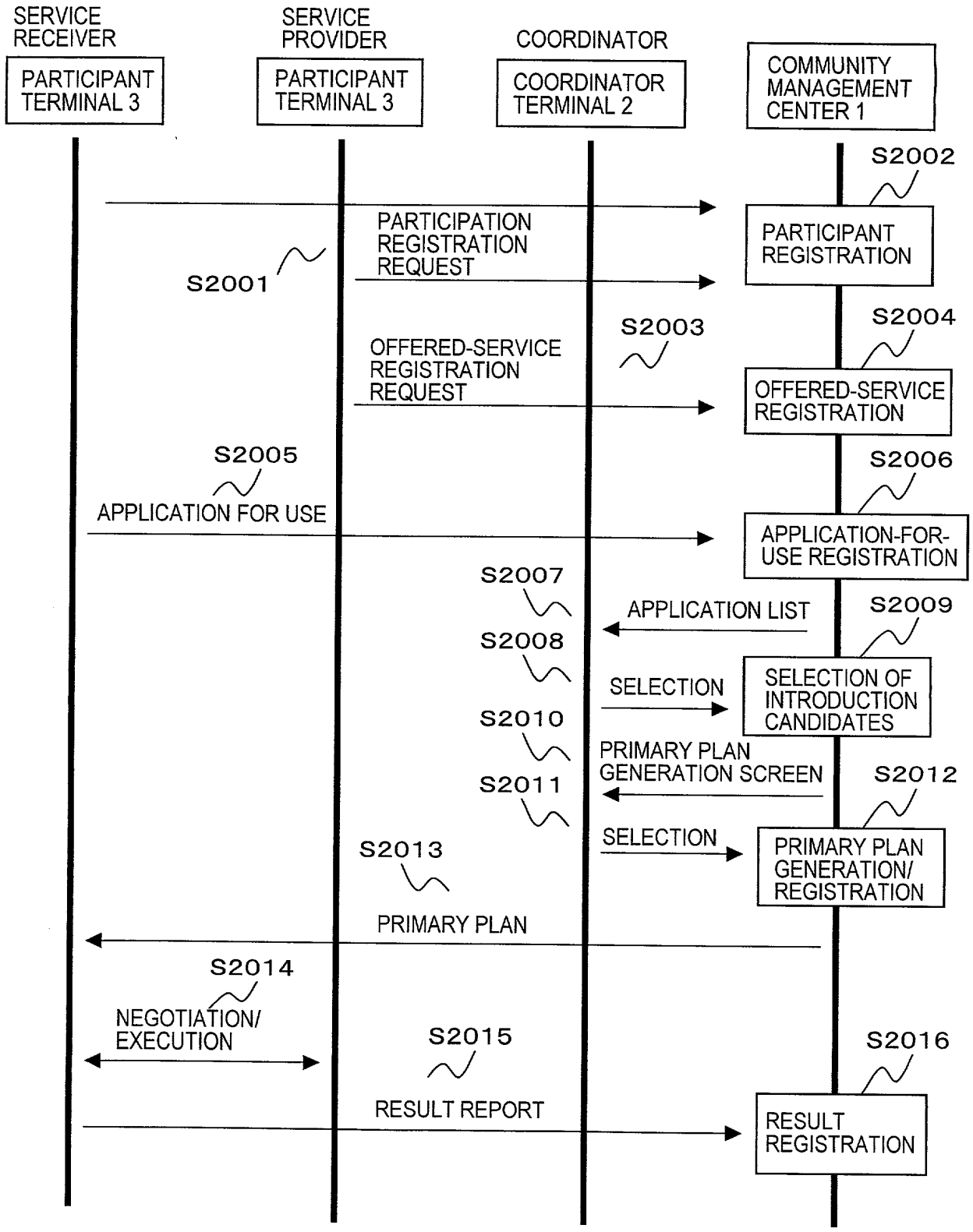

SERVICE RECEIVER
PARTICIPANT TERMINAL 3
SERVICE PROVIDER
PARTICIPANT TERMINAL 3
COORDINATOR
COORDINATOR TERMINAL 2
COMMUNITY MANAGEMENT CENTER 1
S2001
PARTICIPATION REGISTRATION REQUEST
S2002
PARTICIPANT REGISTRATION
S2003
OFFERED-SERVICE REGISTRATION REQUEST
S2004
OFFERED-SERVICE REGISTRATION
S2005
APPLICATION FOR USE
S2006
APPLICATION-FOR-USE REGISTRATION
S2007
APPLICATION LIST
S2008
SELECTION
S2009
SELECTION OF INTRODUCTION CANDIDATES
S2010
PRIMARY PLAN GENERATION SCREEN
S2011
SELECTION
S2012
PRIMARY PLAN GENERATION/ REGISTRATION
S2013
PRIMARY PLAN
S2014
NEGOTIATION/ EXECUTION
S2015
RESULT REPORT
S2016
RESULT REGISTRATION

FIG.3

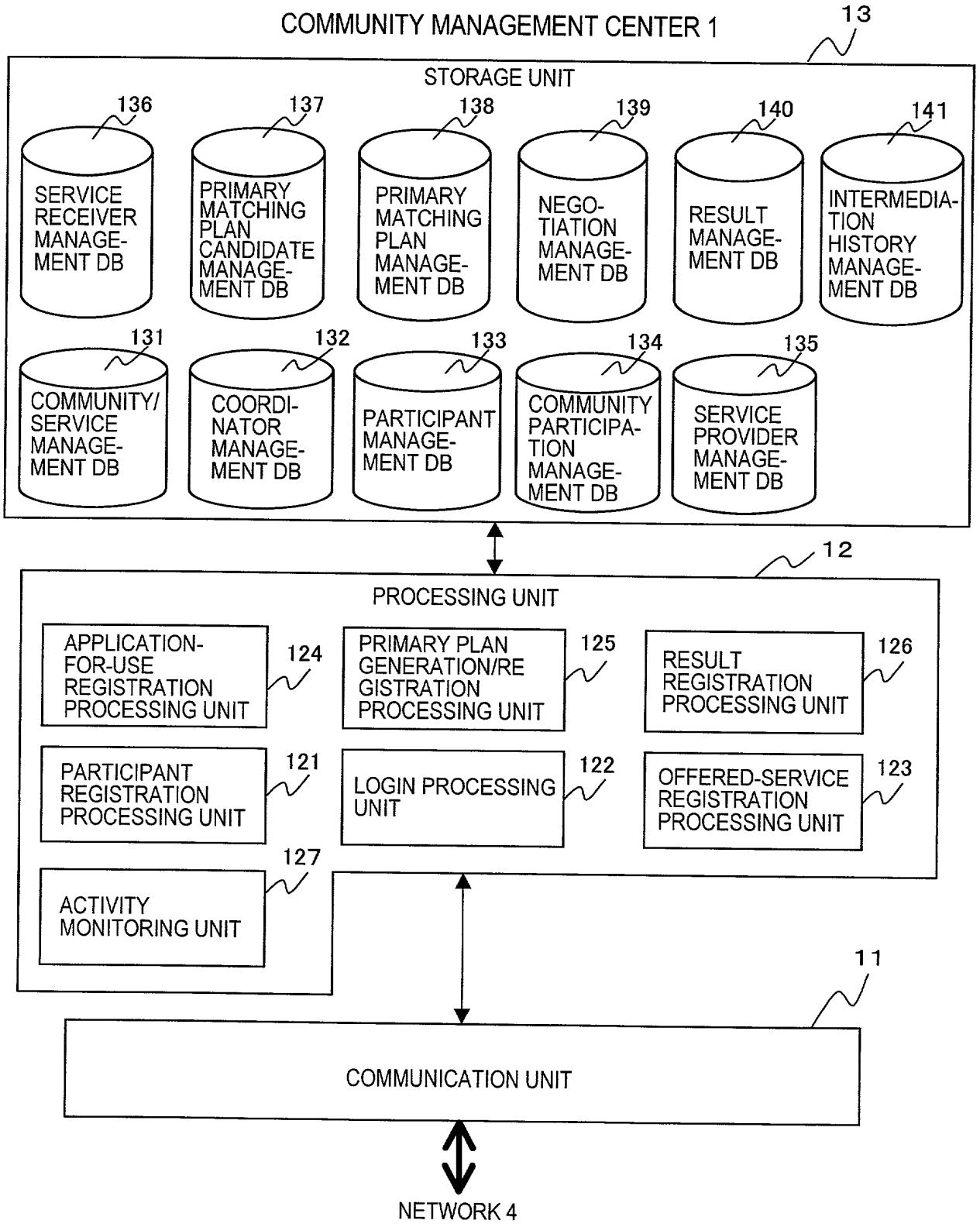

COMMUNITY MANAGEMENT CENTER 1
13
STORAGE UNIT
136
SERVICE RECEIVER MANAGE-MENT DB
137
PRIMARY MATCHING PLAN CANDIDATE MANAGE-MENT DB
138
PRIMARY MATCHING PLAN MANAGE-MENT DB
139
NEGO-TIATION MANAGE-MENT DB
140
RESULT MANAGE-MENT DB
141
INTERMEDIA-TION HISTORY MANAGE-MENT DB
131
COMMUNITY/ SERVICE MANAGE-MENT DB
132
COORDI-NATOR MANAGE-MENT DB
133
PARTICIPANT MANAGE-MENT DB
134
COMMUNITY PARTICIPA-TION MANAGE-MENT DB
135
SERVICE PROVIDER MANAGE-MENT DB
12
PROCESSING UNIT
APPLICATION-FOR-USE REGISTRATION PROCESSING UNIT
124
PRIMARY PLAN GENERATION/RE GISTRATION PROCESSING UNIT
125
RESULT REGISTRATION PROCESSING UNIT
126
PARTICIPANT REGISTRATION PROCESSING UNIT
121
LOGIN PROCESSING UNIT
122
OFFERED-SERVICE REGISTRATION PROCESSING UNIT
123
ACTIVITY MONITORING UNIT
127
11
COMMUNICATION UNIT
NETWORK 4

FIG.4

COMMUNITY/SERVICE MANAGEMENT DB 131

COMMUNITY INFORMATION MANAGEMENT TABLE 1311

1311a COMMUNITY ID	1311b COMMUNITY NAME	1311c COMMUNITY EXPLANATION	1311d NUMBER OF PARTICIPANTS
001	A DISTRICT CIRCLE	COMMUNITY BASED ON A DISTRICT	
002	B DISTRICT CIRCLE	COMMUNITY BASED ON B DISTRICT	
003	C DISTRICT CIRCLE	COMMUNITY BASED ON C DISTRICT	
004	NURSING CARE ACTIVITY CIRCLE	COMMUNITY FOR NURSING CARE	
005	PRIVATE LESSON	COMMUNITY FOR PRIVATE LESSON SERVICE	
.....	.....	.....	.....

SERVICE INFORMATION MANAGEMENT TABLE 1312

1312a COMMUNITY ID	1312b SERVICE CLASSIFICATION	1312c SERVICE NAME	1312d SERVICE EXPLANATION
001	NURSING CARE	CARE FOR THE AGED	CARE FOR AGED PERSON AT CLIENT'S HOME
002	NURSING CARE	CARE FOR THE SICK	CARE FOR SICK PERSON AT CLIENT'S HOME
003	PRIVATE LESSON	ENGLISH LESSON	PRIVATE LESSON OF ENGLISH
004	PRIVATE LESSON	PIANO LESSON	PRIVATE LESSON OF PIANO
005	PRIVATE LESSON	PERSONAL COMPUTER LESSON	PRIVATE LESSON OF PERSONAL COMPUTER
.....	.....	.....	.....

FIG.5

COORDINATOR MANAGEMENT DB 132

132a	132b		132c	1311a	132e	132f
COORDINATOR ID	LOGIN INFORMATION		PRIVATE INFORMATION	COMMUNITY ID	LAST LOGIN	LAST LOGOUT
	LOGIN NAME	PASSWORD				
001	ABC	x54781	◎×	003	**/**/**	**/**/**
002	XYZ	z74z12	△×	002	**/**/**	**/**/**
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.6

PARTICIPANT MANAGEMENT DB 133

133a	133b		133c	133d	132e	132f
PARTICIPANT ID	LOGIN INFORMATION		PRIVATE INFORMATION	POSSESSED FACE VALUE OF TICKET	LAST LOGIN	LAST LOGOUT
	LOGIN NAME	PASSWORD				
0001	DGK	10278	△◎	700	**/**/**	**/**/**
0002	JFP	zab36	×◎	300	**/**/**	**/**/**
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.7

COMMUNITY PARTICIPANT DB 134

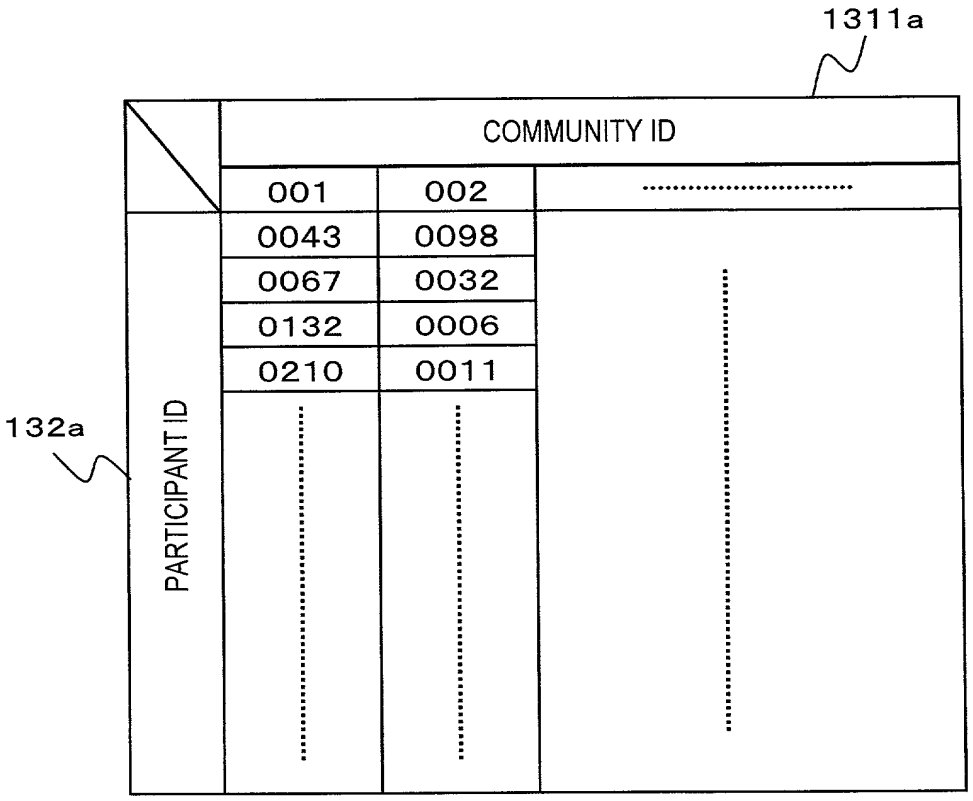


FIG.8

SERVICE PROVIDER MANAGEMENT DB 135

135a	133a	1312a	1311a	135b		135c
OFFERED-SERVICE ID	PARTICIPANT ID	SERVICE ID	COMMUNITY ID	DESIRED TERMS		REGISTRATION DATE
				PLACE	DAY OF THE WEEK/ TIME ZONE	
000001	0003	001	001	A DISTRICT	MONDAY, WEDNESDAY/ 10 - 12	**/**/**
000002	0123	005	005	A DISTRICT HALL	SUNDAY/ 13 - 15:30	**/**/**
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.9

SERVICE RECEIVER MANAGEMENT DB 136

136a	133a	1312a	1311a	136b		136c	136d	136e
APPLICATION-FOR-USE ID	PARTICIPANT ID	SERVICE ID	COMMUNITY ID	DESIRED TERMS		PROCESSING STATE	REGISTRATION DATE	PREVIOUS PRIMARY PLAN ID
				PLACE	DAY OF THE WEEK/ TIME ZONE			
000001	0053	012	001	A DISTRICT	MONDAY/10 - 16:30	○	**/**/**	
000002	0346	025	005	C DISTRICT HALL	SUNDAY/13 - 14	△	**/**/**	
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

PROCESSING STATE 136C

× → UNSTARTED

△ → PRIMARY PLAN CANDIDATE HAS BEEN ALREADY GENERATED

○ → PRIMARY PLAN HAS BEEN ALREADY GENERATED

□ → REPROCESSING

Entered Translated

FIG.10

PRIMARY MATCHING PLAN CANDIDATE MANAGEMENT DB 137

137a	132a	136a	137b				137c
PRIMARY PLAN CANDIDATE ID	COORDINATOR ID	APPLICATION-FOR-USE ID	OFFERED-SERVICE ID CANDIDATE LIST HIGHER PRIORITY → LOWER PRIORITY				REGISTRATION DATE
000001	026	000023	000003	000521	000269	000157	**/**/**
000002	423	000078	000025	000087	000196	002159	**/**/**
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.11

PRIMARY MATCHING PLAN MANAGEMENT DB 138

138a PRIMARY PLAN ID	132a COORDINATOR ID	137a PRIMARY PLAN CANDIDATE ID	136a APPLICATION-FOR-USE ID	135a OFFERED-SERVICE ID	138b REGISTRATION DATE	138c CONTENT OF MATCHING	138d MATCHING DATE
000001	068	000005	000033	000152	**/**/**	OK	**/**/**
000002	342	000007	000077	000487	**/**/**	NG	**/**/**
000003	242	000125	000877	003587	**/**/**	UNDETERMINED	
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.12

NEGOTIATION MANAGEMENT DB 139

137a	138a	132a	139a		139a	
PRIMARY PLAN CANDIDATE ID	PRIMARY PLAN ID	COORDINATOR ID	COMMENT		COMMENT	
			PARTICIPANT ID	EXPLANATION	PARTICIPANT ID	EXPLANATION
000001	000008	009	0012	****		
000002	000009	016				
000003	000042	022	0029	****	0082	****
⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG.13

RESULT MANAGEMENT DB 140

140a EXECUTION ID	138a PRIMARY PLAN ID	140b EXECUTION DATE	140c PAID FACE VALUE OF TICKET	133a PARTICIPANT ID	140d EVALUATION INFORMATION
000001	000008	**/**/**	****	0012	*****
000002	000009	**/**/**	****	0029	*****
000003	000042	**/**/**	****	0029	*****
.....	.....	.....	.....	.....	.....

FIG.14

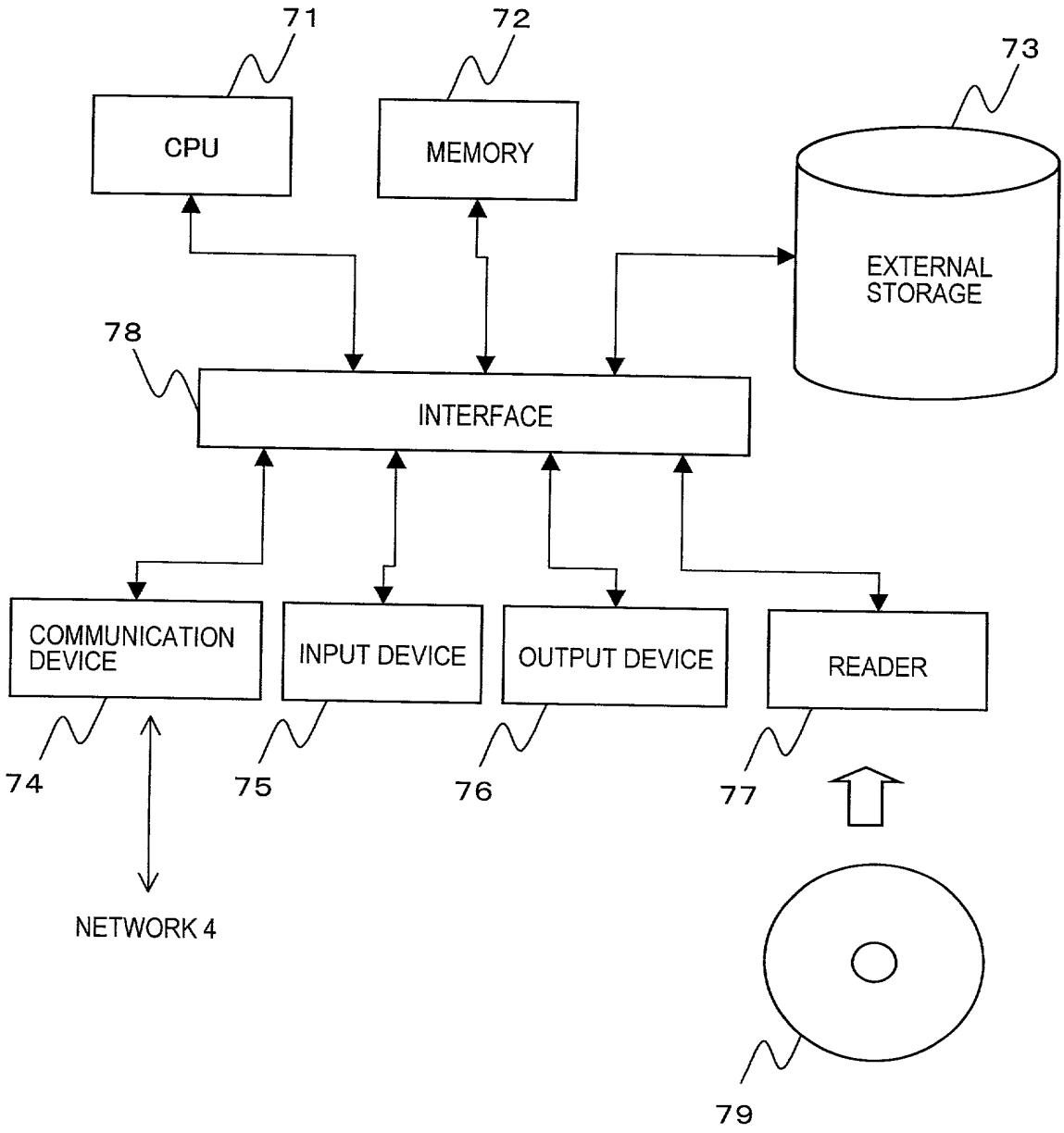

71
72
73
CPU
MEMORY
EXTERNAL STORAGE
78
INTERFACE
COMMUNICATION DEVICE
INPUT DEVICE
OUTPUT DEVICE
READER
74
75
76
77
NETWORK 4
79

FIG.15

REGISTRATION PROCESSING FOR PARTICIPATING IN A COMMUNITY ACTIVITY

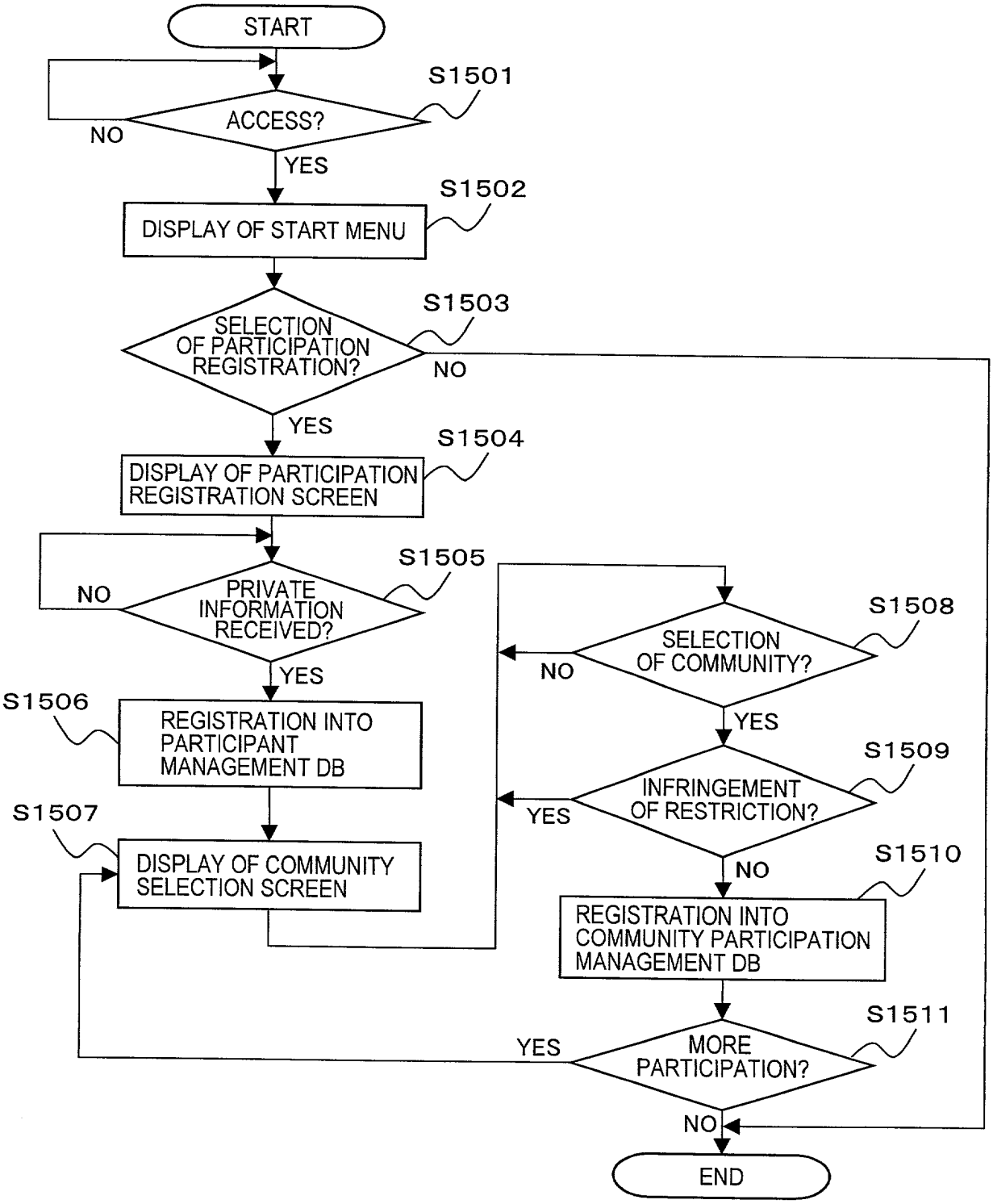


FIG.16

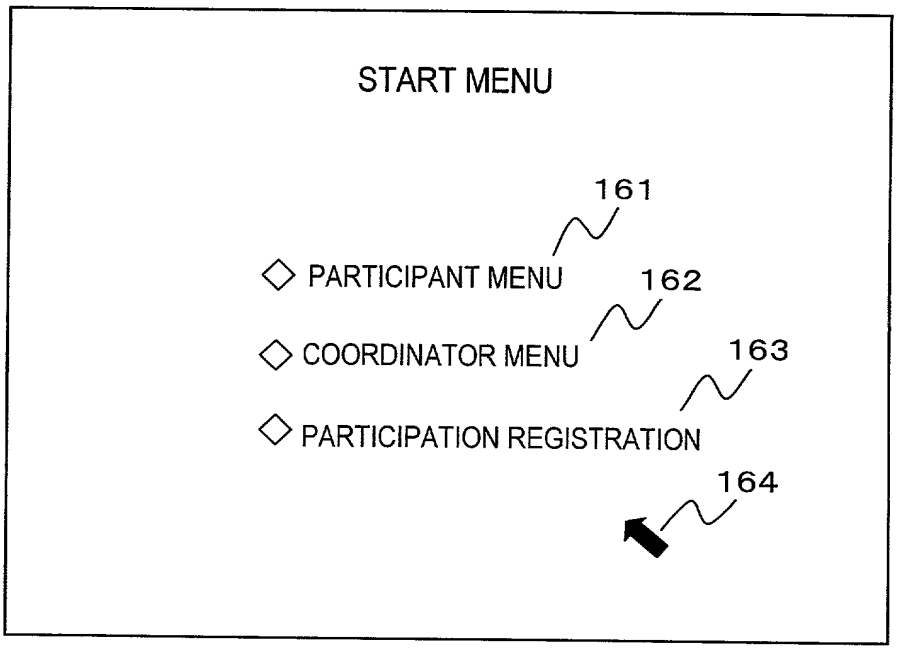

START MENU
161
PARTICIPANT MENU
162
COORDINATOR MENU
163
PARTICIPATION REGISTRATION
164

FIG.17

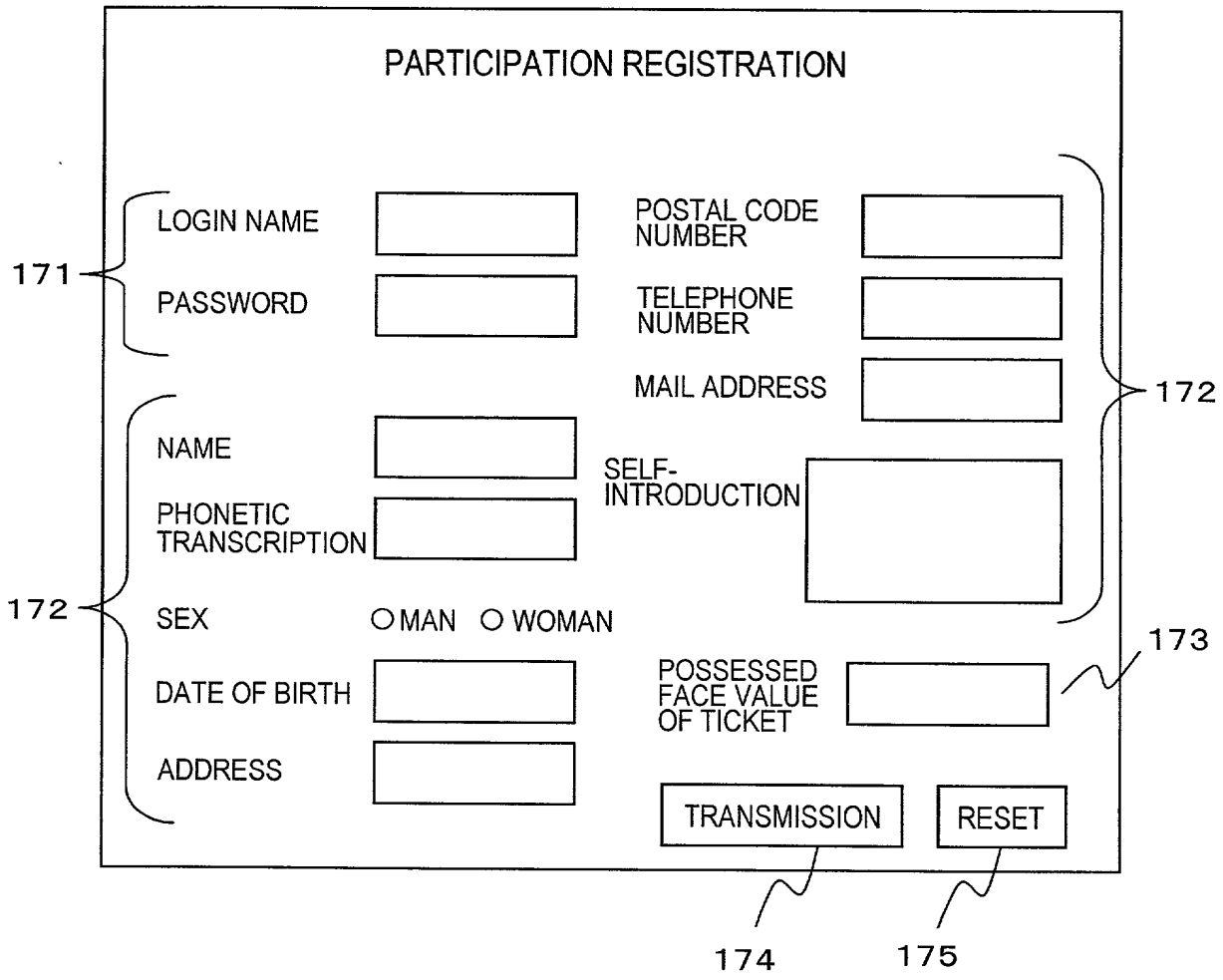

PARTICIPATION REGISTRATION
LOGIN NAME
PASSWORD
171
NAME
PHONETIC TRANSCRIPTION
SEX
○MAN ○WOMAN
DATE OF BIRTH
ADDRESS
172
POSTAL CODE NUMBER
TELEPHONE NUMBER
MAIL ADDRESS
SELF-INTRODUCTION
172
173
POSSESSED FACE VALUE OF TICKET
TRANSMISSION
RESET
174
175

FIG.18

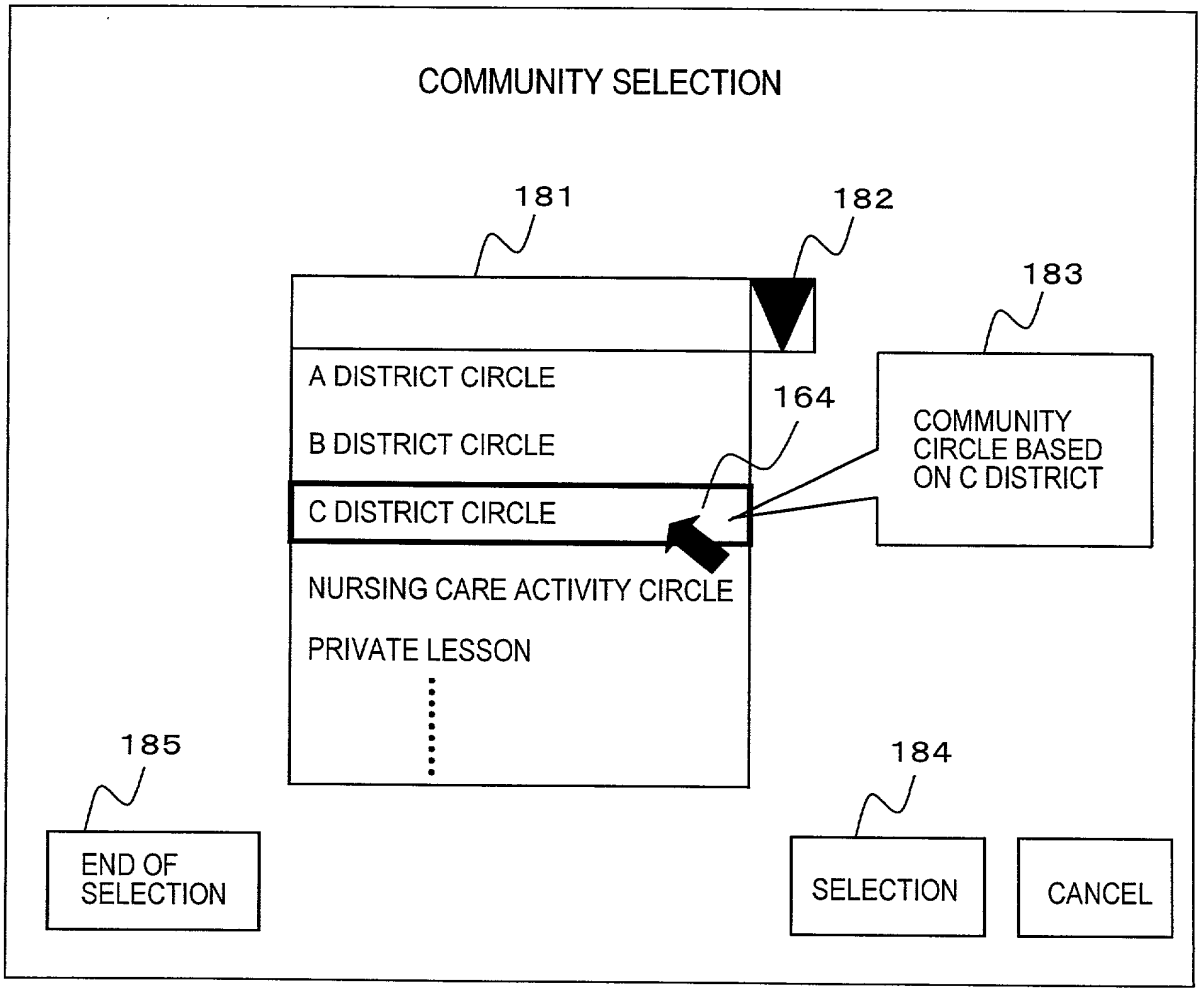

COMMUNITY SELECTION
181
182
183
A DISTRICT CIRCLE
B DISTRICT CIRCLE
C DISTRICT CIRCLE
164
COMMUNITY CIRCLE BASED ON C DISTRICT
NURSING CARE ACTIVITY CIRCLE
PRIVATE LESSON
185
184
END OF SELECTION
SELECTION
CANCEL

FIG.19

OFFERED-SERVICE REGISTRATION PROCESSING

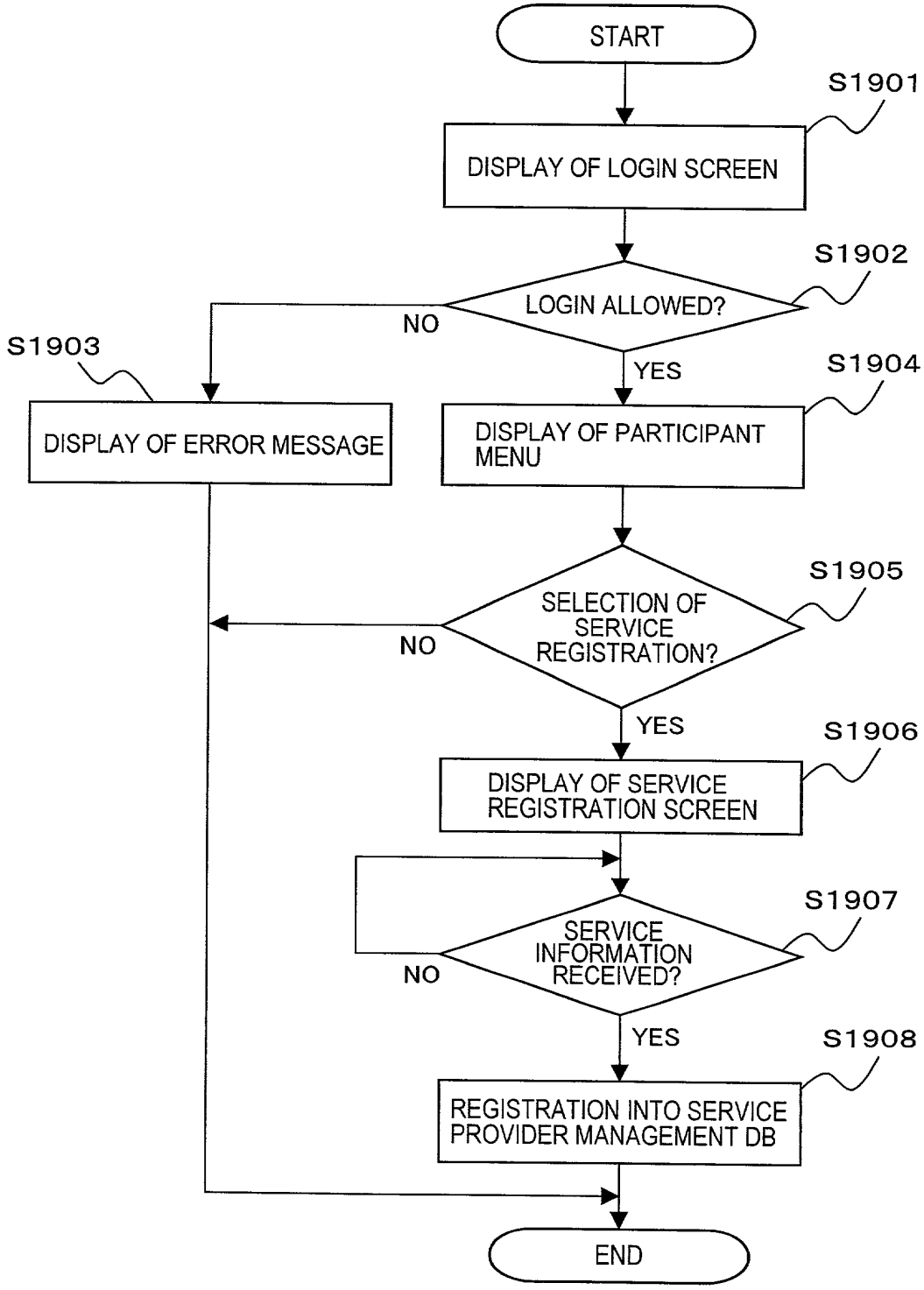


FIG.20

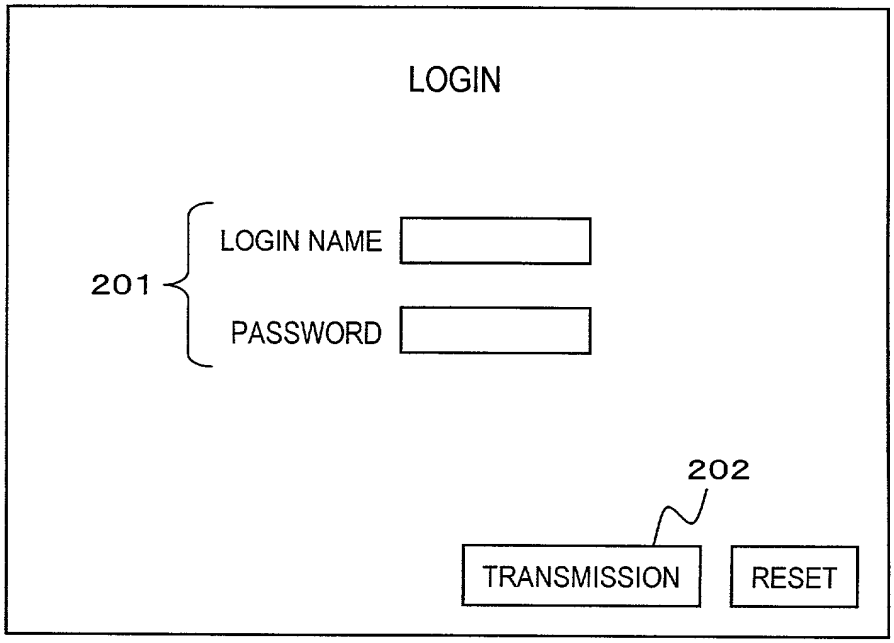


FIG.21

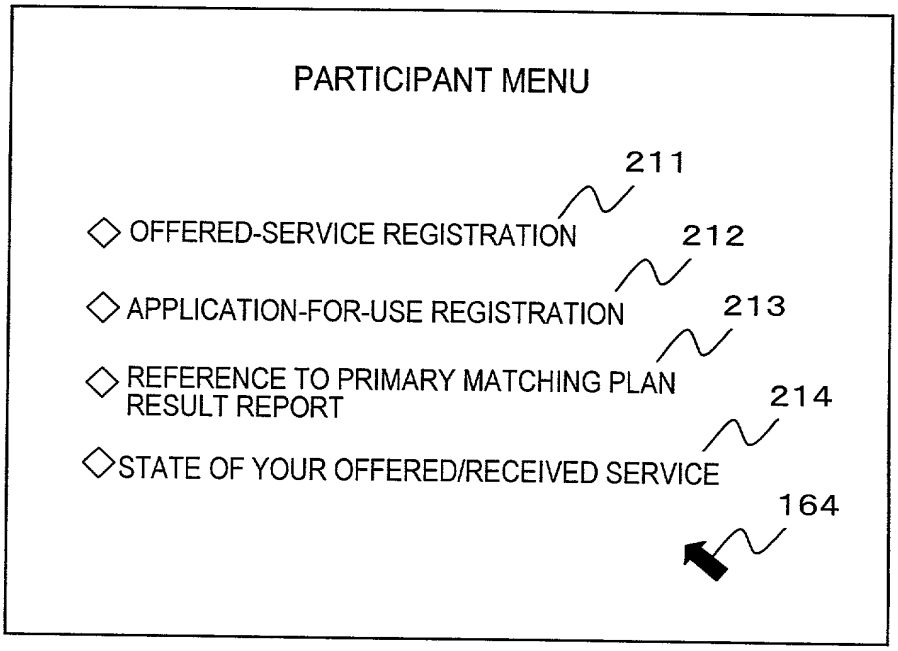

PARTICIPANT MENU
211
◇ OFFERED-SERVICE REGISTRATION
212
◇ APPLICATION-FOR-USE REGISTRATION
213
◇ REFERENCE TO PRIMARY MATCHING PLAN RESULT REPORT
214
◇ STATE OF YOUR OFFERED/RECEIVED SERVICE
164

FIG.22

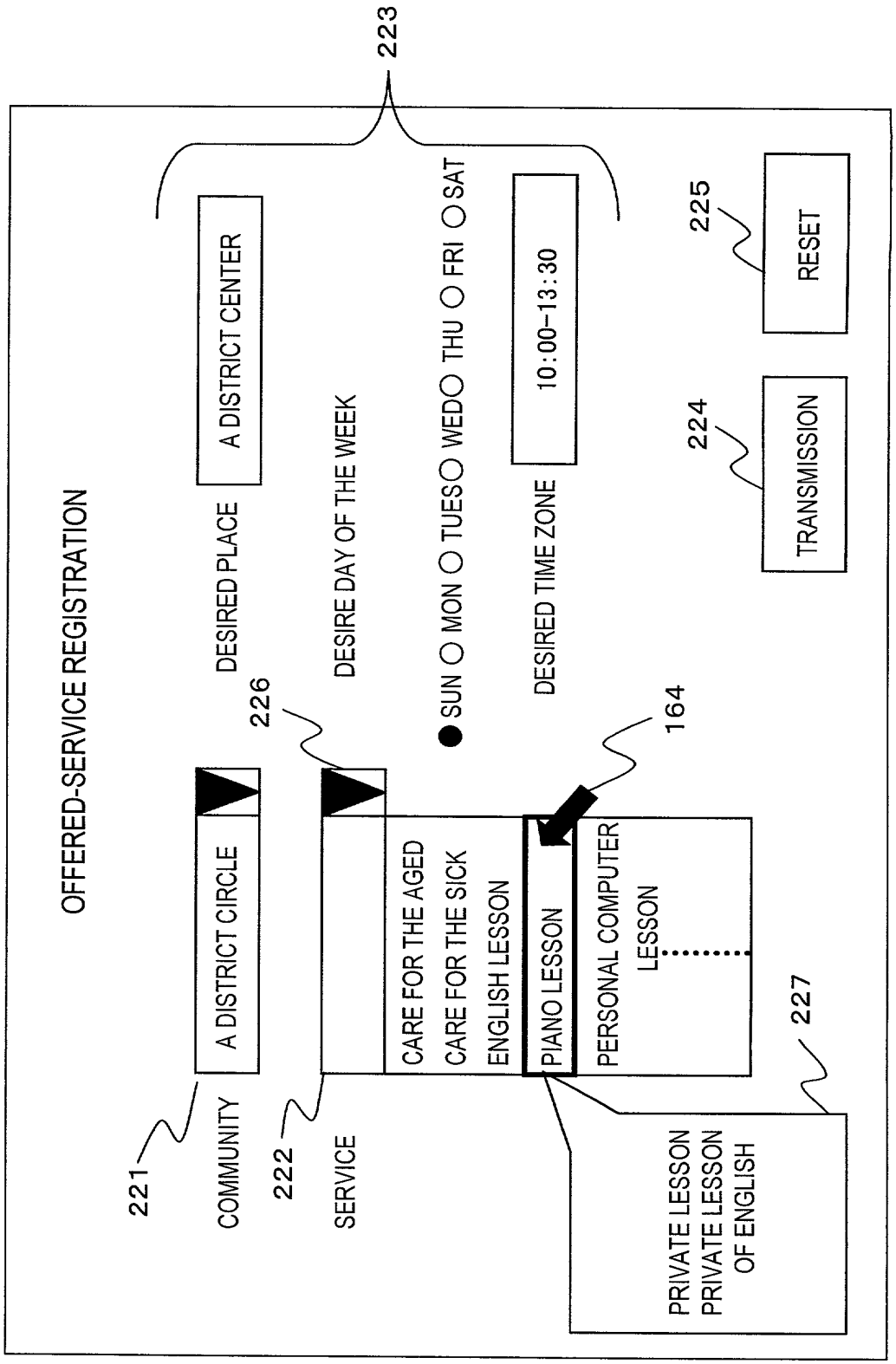

OFFERED-SERVICE REGISTRATION
223
DESIRED PLACE
A DISTRICT CENTER
DESIRE DAY OF THE WEEK
● SUN ○ MON ○ TUES ○ WED ○ THU ○ FRI ○ SAT
DESIRED TIME ZONE
10:00-13:30
225
RESET
224
TRANSMISSION
226
164
221
COMMUNITY
A DISTRICT CIRCLE
222
SERVICE
CARE FOR THE AGED
CARE FOR THE SICK
ENGLISH LESSON
PIANO LESSON
PERSONAL COMPUTER LESSON
227
PRIVATE LESSON
PRIVATE LESSON OF ENGLISH

FIG.23

APPLICATION-FOR-USE REGISTRATION PROCESSING

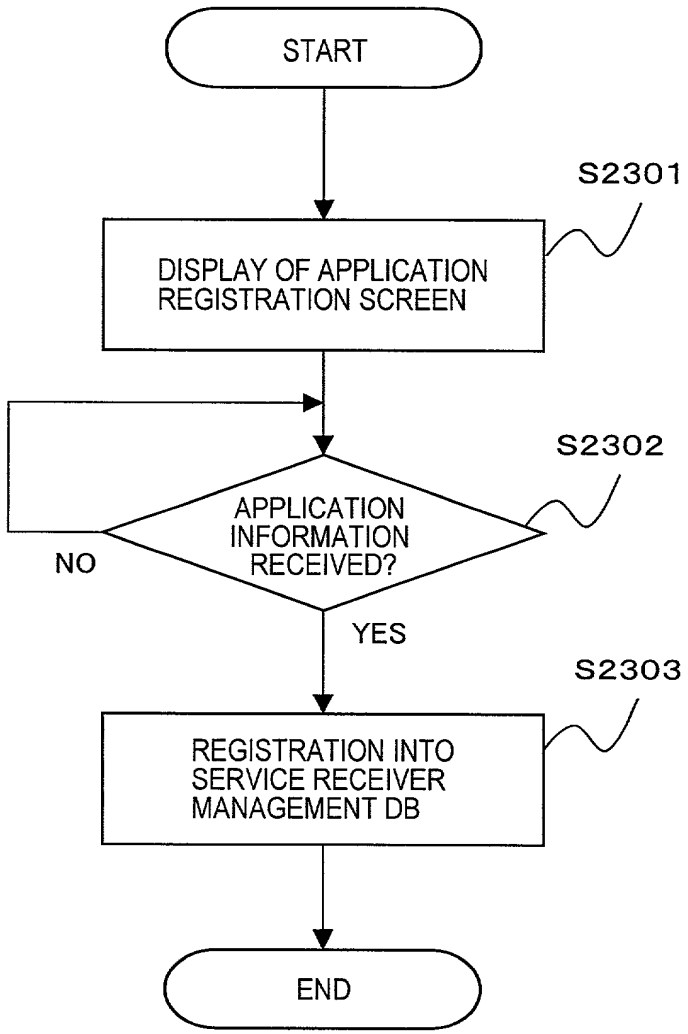


FIG.24

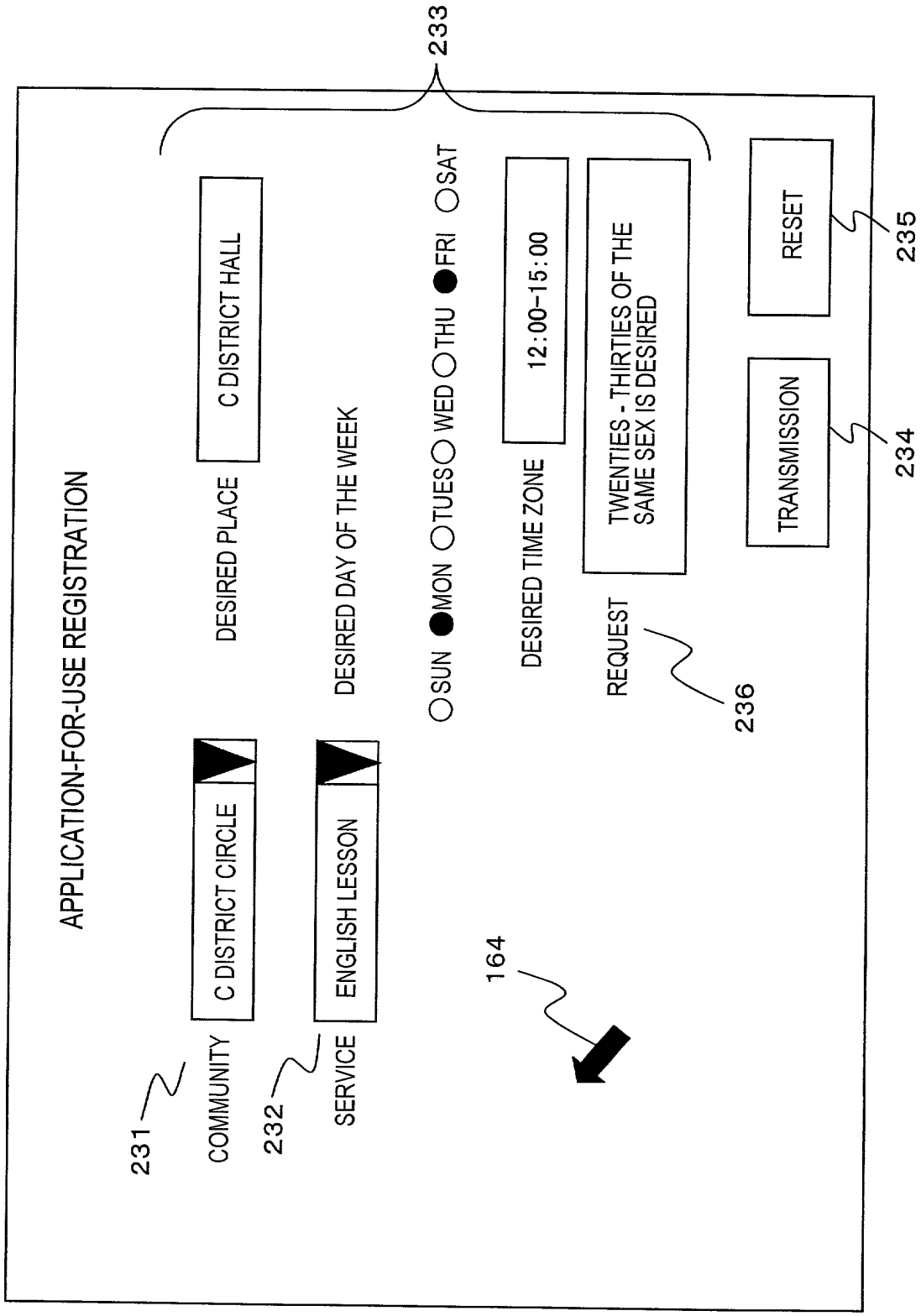

APPLICATION-FOR-USE REGISTRATION
233
DESIRED PLACE
C DISTRICT HALL
DESIRED DAY OF THE WEEK
○SUN ●MON ○TUES○ WED ○THU ●FRI ○SAT
DESIRED TIME ZONE
12:00-15:00
REQUEST
TWENTIES - THIRTIES OF THE SAME SEX IS DESIRED
236
TRANSMISSION
RESET
234
235
231
COMMUNITY
C DISTRICT CIRCLE
232
SERVICE
ENGLISH LESSON
164

FIG.25

PRIMARY MATCHING PLAN GENERATION SUPPORT/REGISTRATION PROCESSING

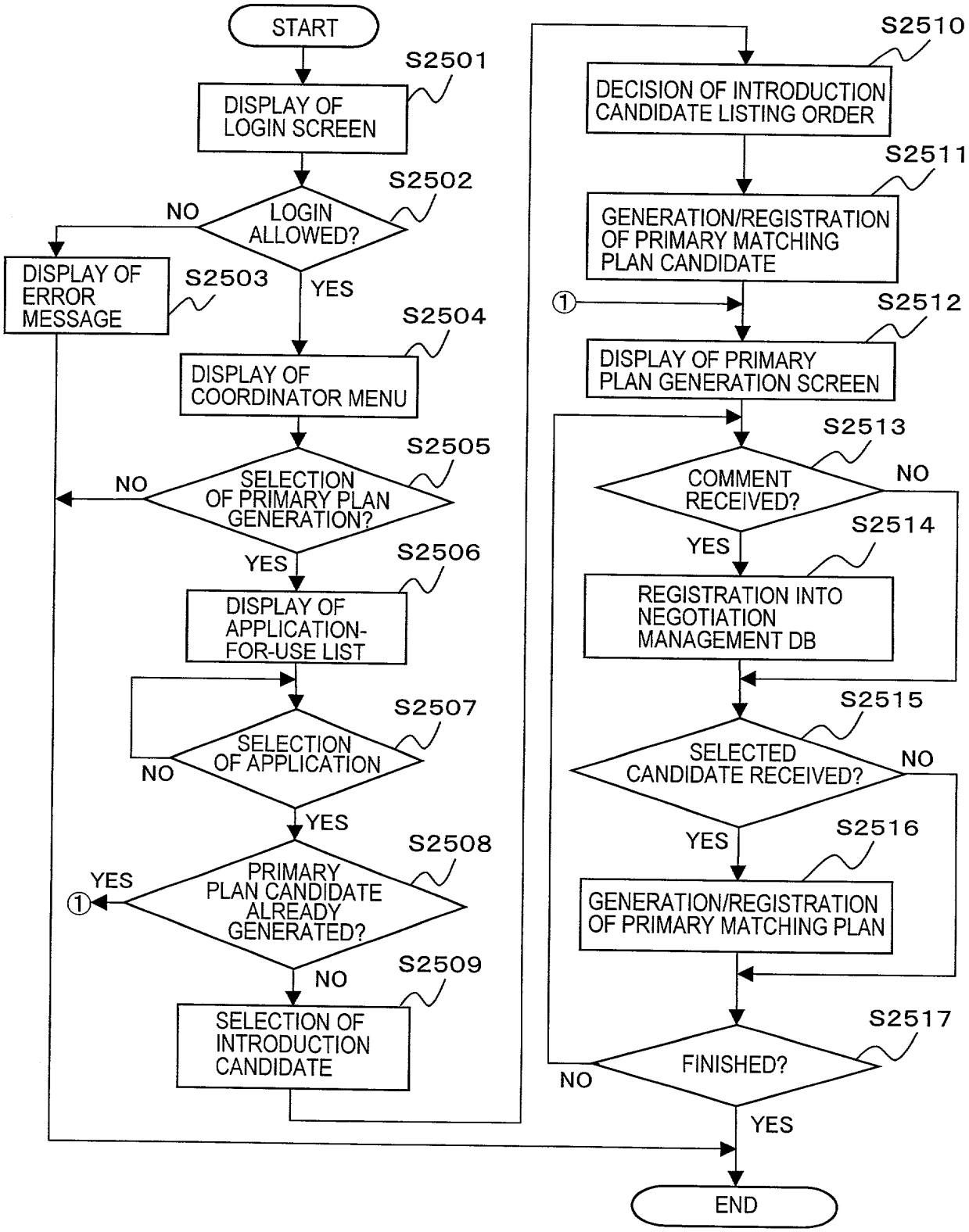


FIG.26

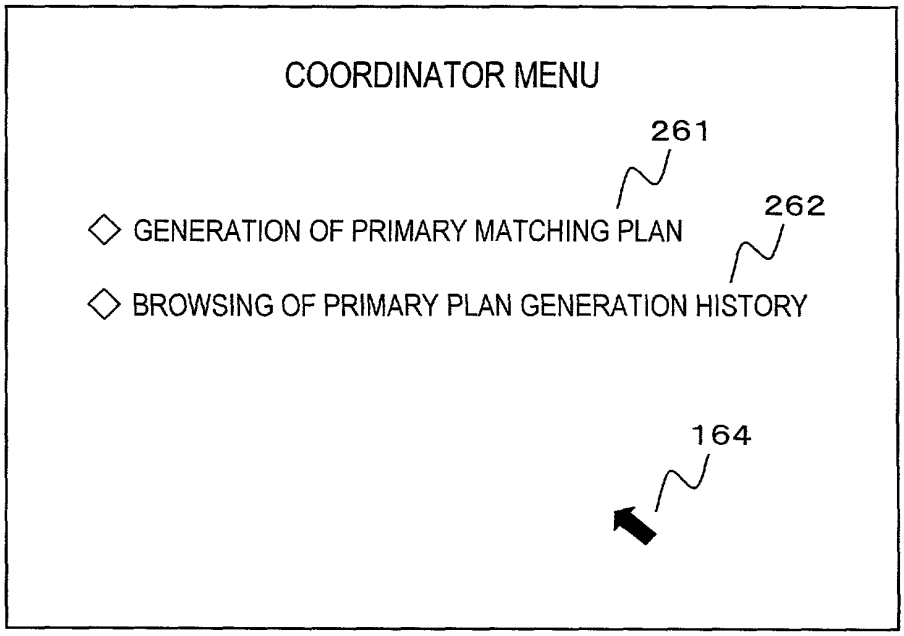
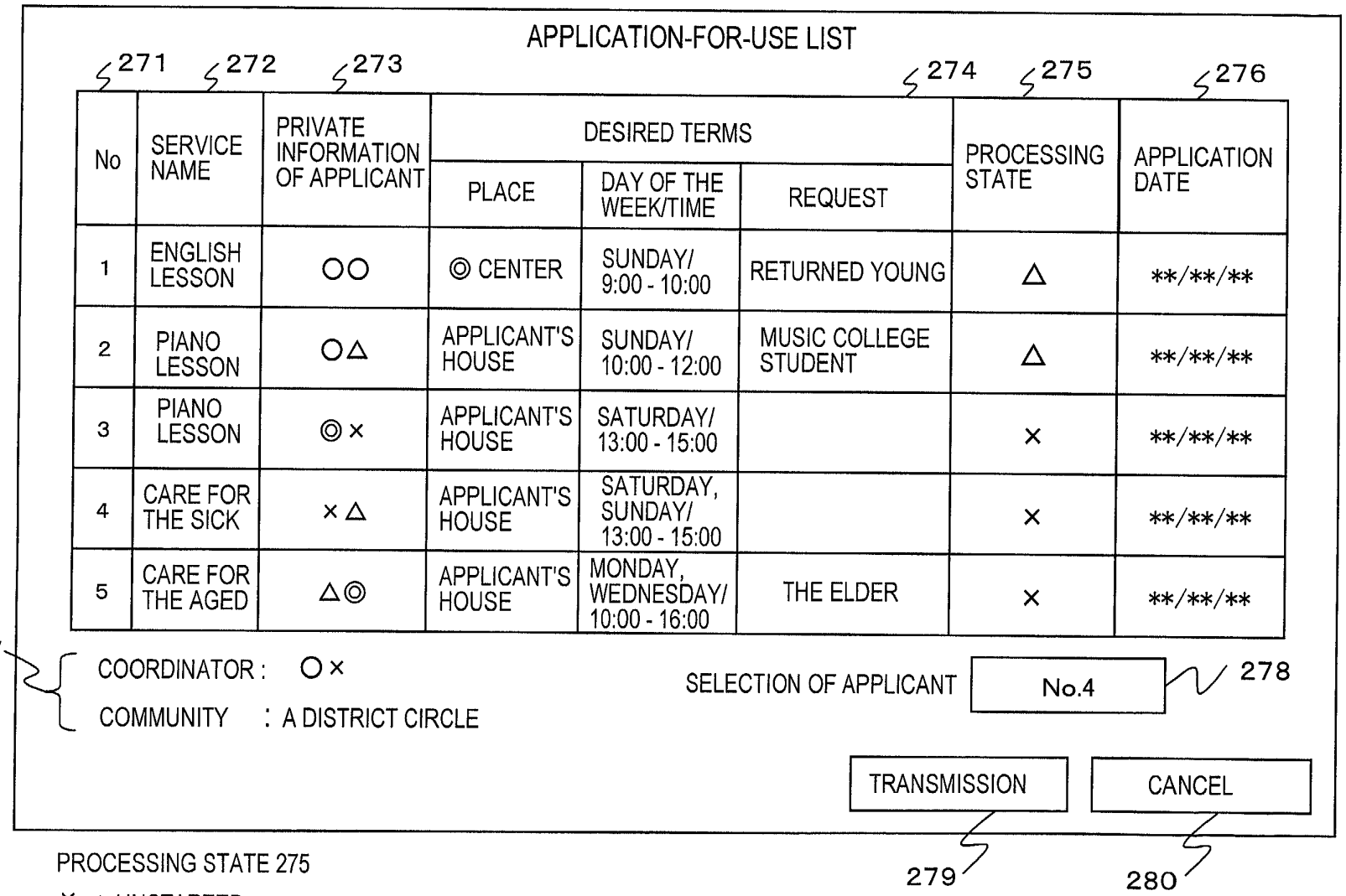

COORDINATOR MENU
261
GENERATION OF PRIMARY MATCHING PLAN
262
BROWSING OF PRIMARY PLAN GENERATION HISTORY
164

FIG.27



No	SERVICE NAME	PRIVATE INFORMATION OF APPLICANT	DESIRED TERMS			PROCESSING STATE	APPLICATION DATE
			PLACE	DAY OF THE WEEK/TIME	REQUEST		
1	ENGLISH LESSON	○○	◎ CENTER	SUNDAY/ 9:00 - 10:00	RETURNED YOUNG	△	**/**/**
2	PIANO LESSON	○△	APPLICANT'S HOUSE	SUNDAY/ 10:00 - 12:00	MUSIC COLLEGE STUDENT	△	**/**/**
3	PIANO LESSON	◎×	APPLICANT'S HOUSE	SATURDAY/ 13:00 - 15:00		×	**/**/**
4	CARE FOR THE SICK	×△	APPLICANT'S HOUSE	SATURDAY, SUNDAY/ 13:00 - 15:00		×	**/**/**
5	CARE FOR THE AGED	△◎	APPLICANT'S HOUSE	MONDAY, WEDNESDAY/ 10:00 - 16:00	THE ELDER	×	**/**/**

PROCESSING STATE 275

×→ UNSTARTED

△→ PRIMARY PLAN CANDIDATE HAS BEEN ALREADY GENERATED

○→ PRIMARY PLAN HAS BEEN ALREADY GENERATED

□→ REPROCESSING

FIG.28

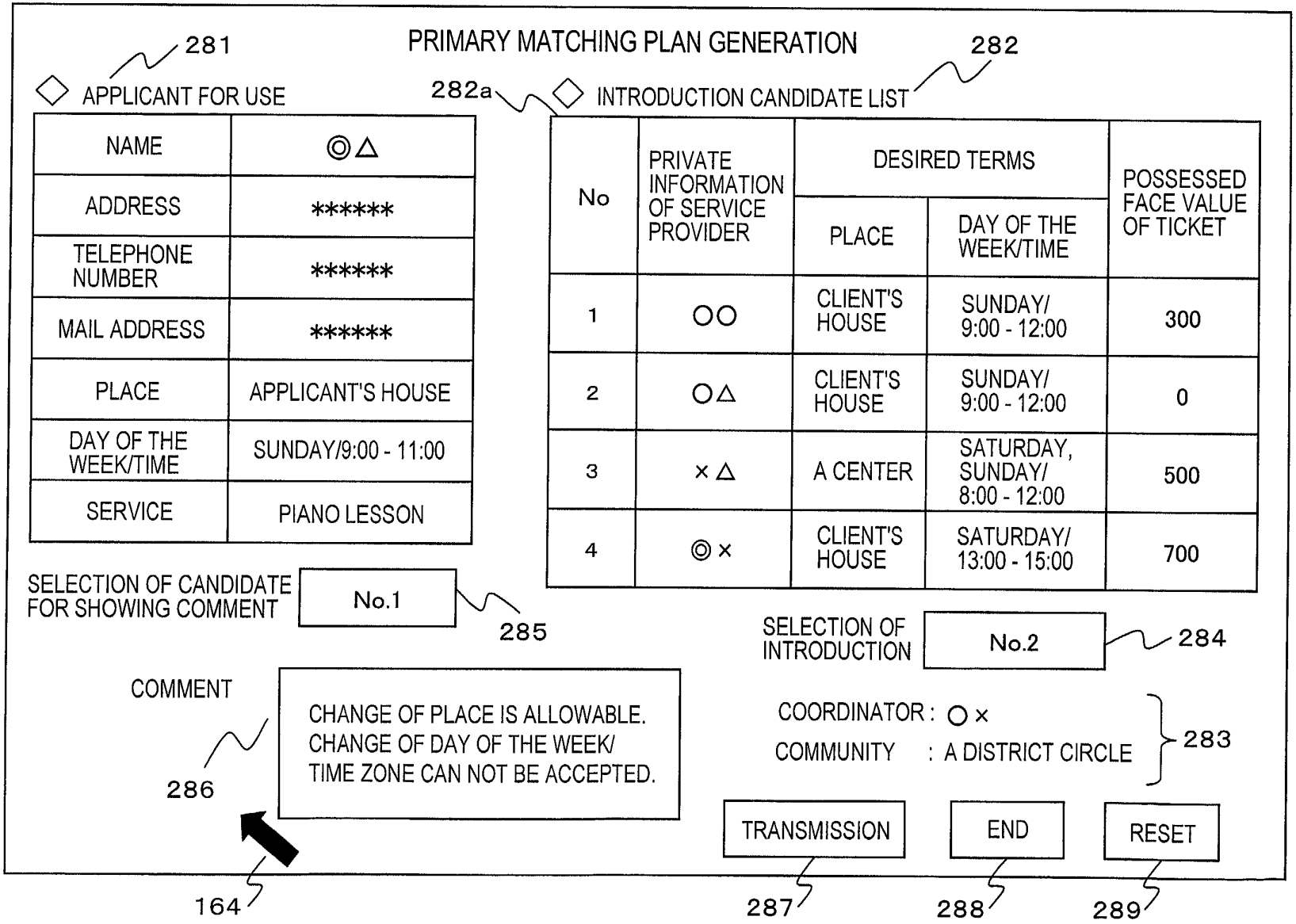

PRIMARY MATCHING PLAN GENERATION
281
APPLICANT FOR USE
NAME ◎△
ADDRESS ******
TELEPHONE NUMBER ******
MAIL ADDRESS ******
PLACE APPLICANT'S HOUSE
DAY OF THE WEEK/TIME SUNDAY/9:00 - 11:00
SERVICE PIANO LESSON
282
282a
INTRODUCTION CANDIDATE LIST
No | PRIVATE INFORMATION OF SERVICE PROVIDER | DESIRED TERMS (PLACE | DAY OF THE WEEK/TIME) | POSSESSED FACE VALUE OF TICKET
1 | ○○ | CLIENT'S HOUSE | SUNDAY/ 9:00 - 12:00 | 300
2 | ○△ | CLIENT'S HOUSE | SUNDAY/ 9:00 - 12:00 | 0
3 | ×△ | A CENTER | SATURDAY, SUNDAY/ 8:00 - 12:00 | 500
4 | ◎× | CLIENT'S HOUSE | SATURDAY/ 13:00 - 15:00 | 700
SELECTION OF CANDIDATE FOR SHOWING COMMENT
No.1
285
SELECTION OF INTRODUCTION
No.2
284
COMMENT
286
CHANGE OF PLACE IS ALLOWABLE.
CHANGE OF DAY OF THE WEEK/
TIME ZONE CAN NOT BE ACCEPTED.
COORDINATOR : ○×
COMMUNITY : A DISTRICT CIRCLE
283
TRANSMISSION
END
RESET
164
287
288
289

FIG.29

PROCESSING OF PRIMARY MATCHING PLAN PRESENTATION/RESULT REPORT

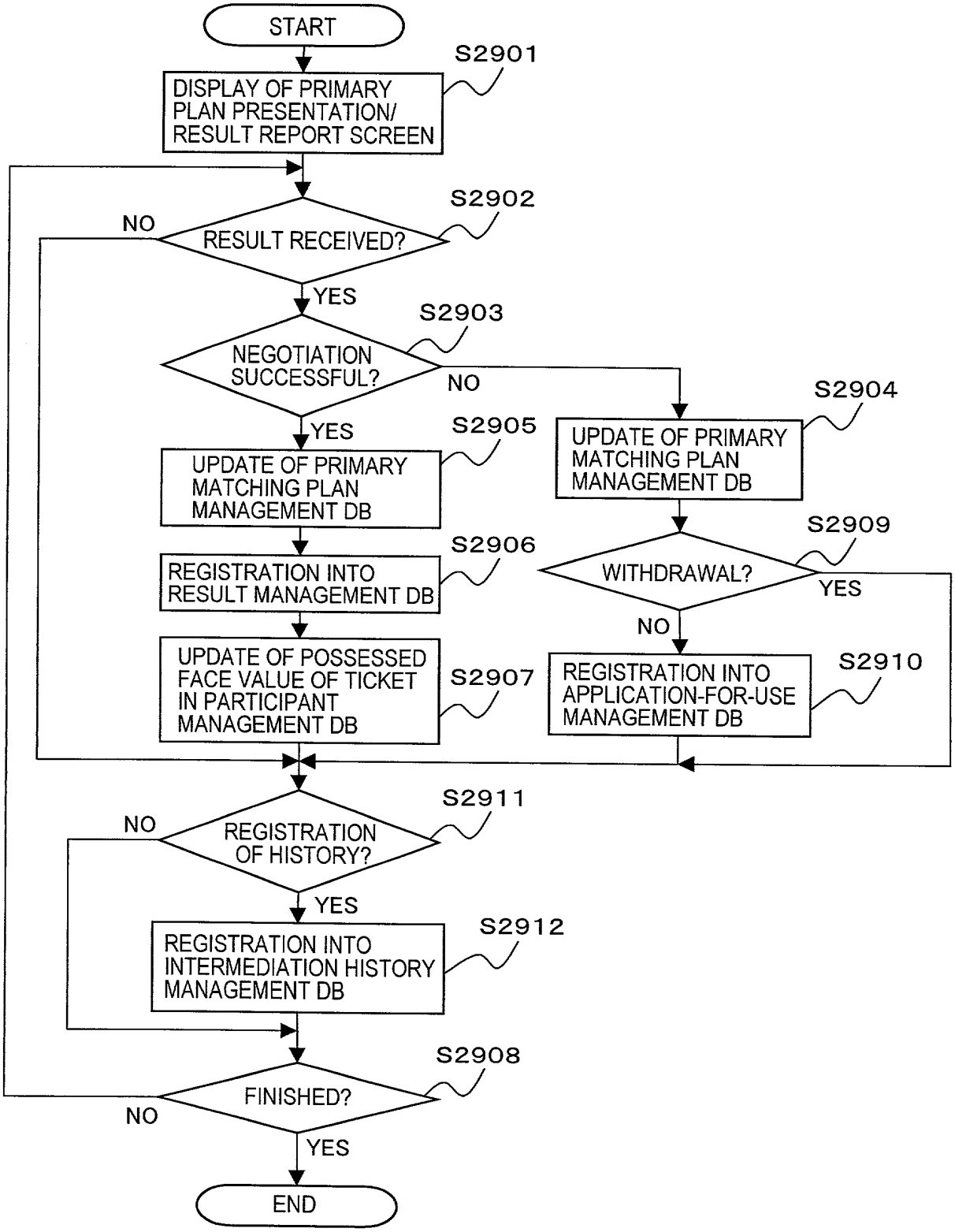


FIG.30

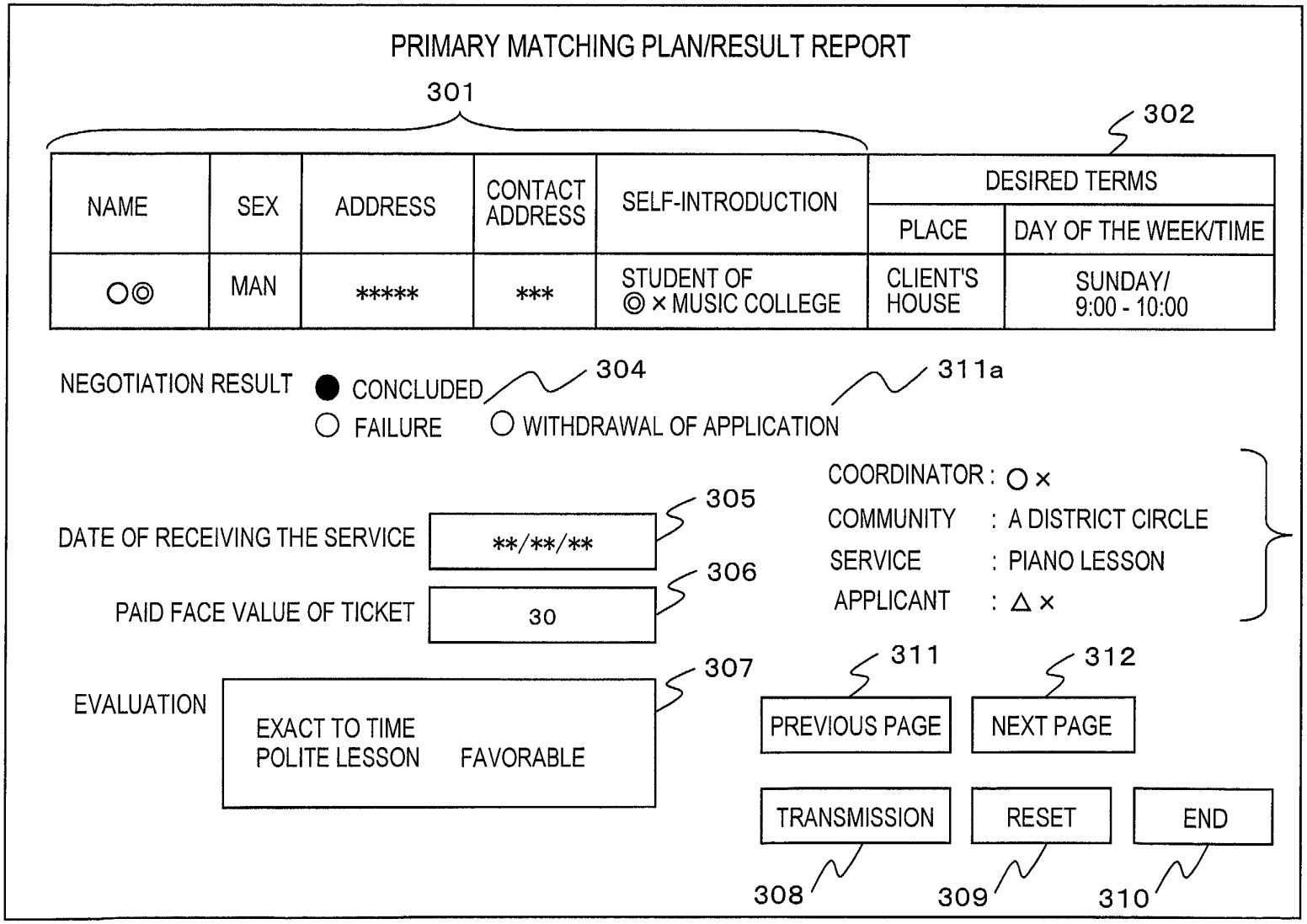

PRIMARY MATCHING PLAN/RESULT REPORT
301
302
NAME
SEX
ADDRESS
CONTACT ADDRESS
SELF-INTRODUCTION
DESIRED TERMS
PLACE
DAY OF THE WEEK/TIME
○◎
MAN
*****
***
STUDENT OF ◎×MUSIC COLLEGE
CLIENT'S HOUSE
SUNDAY/ 9:00 - 10:00
NEGOTIATION RESULT
● CONCLUDED
○ FAILURE
304
○ WITHDRAWAL OF APPLICATION
311a
COORDINATOR : ○×
COMMUNITY : A DISTRICT CIRCLE
SERVICE : PIANO LESSON
APPLICANT : △×
303
DATE OF RECEIVING THE SERVICE
//**
305
PAID FACE VALUE OF TICKET
30
306
EVALUATION
EXACT TO TIME
POLITE LESSON
FAVORABLE
307
311
312
PREVIOUS PAGE
NEXT PAGE
TRANSMISSION
RESET
END
308
309
310

FIG.31

PROCESSING BY ACTIVITY MONITORING UNIT 127

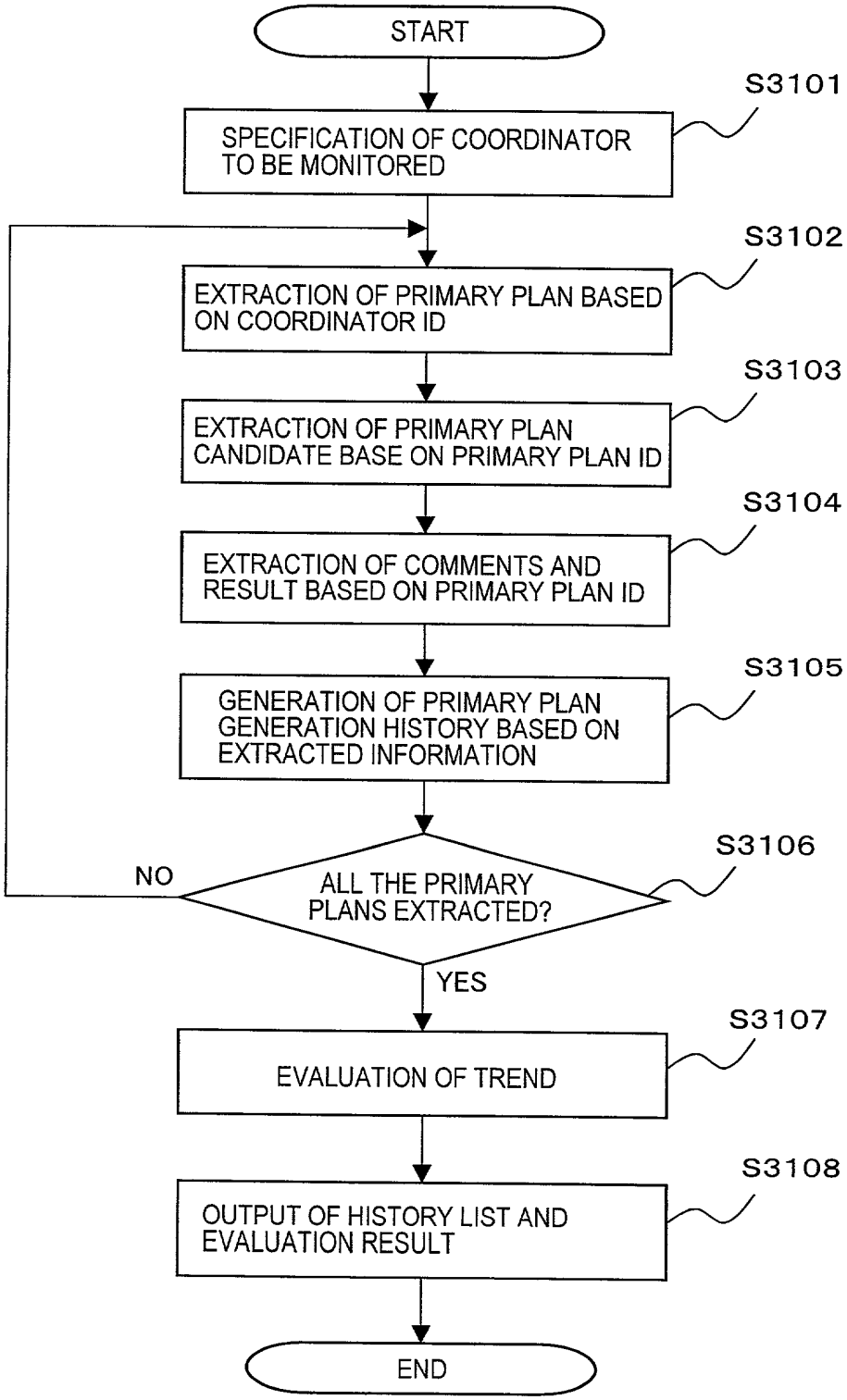


FIG.32

PROCESSING OF GENERATION/REGISTRATION OF PRIMARY MATCHING PLAN

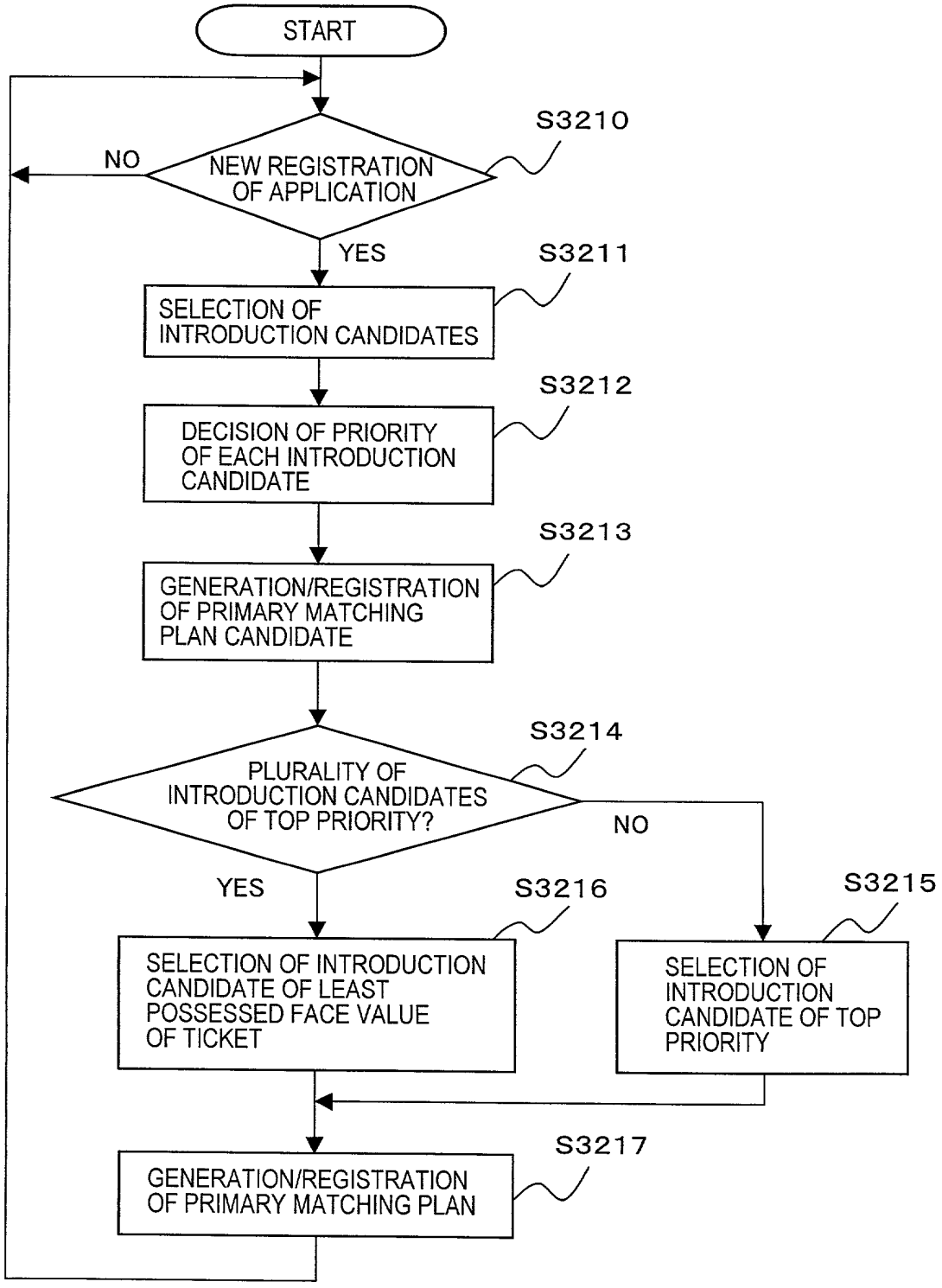


FIG.33

PROCESSING BY ACTIVITY MONITORING UNIT 127

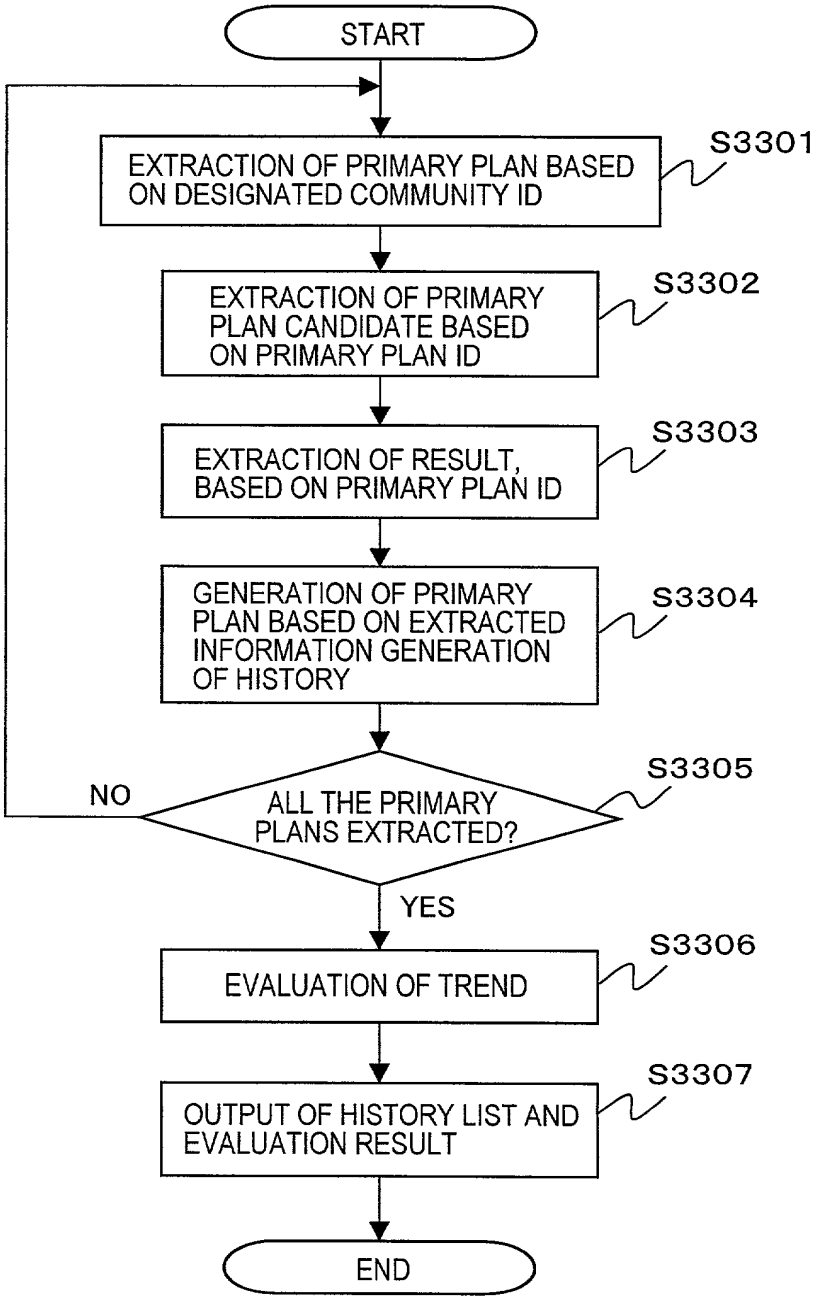


FIG.34

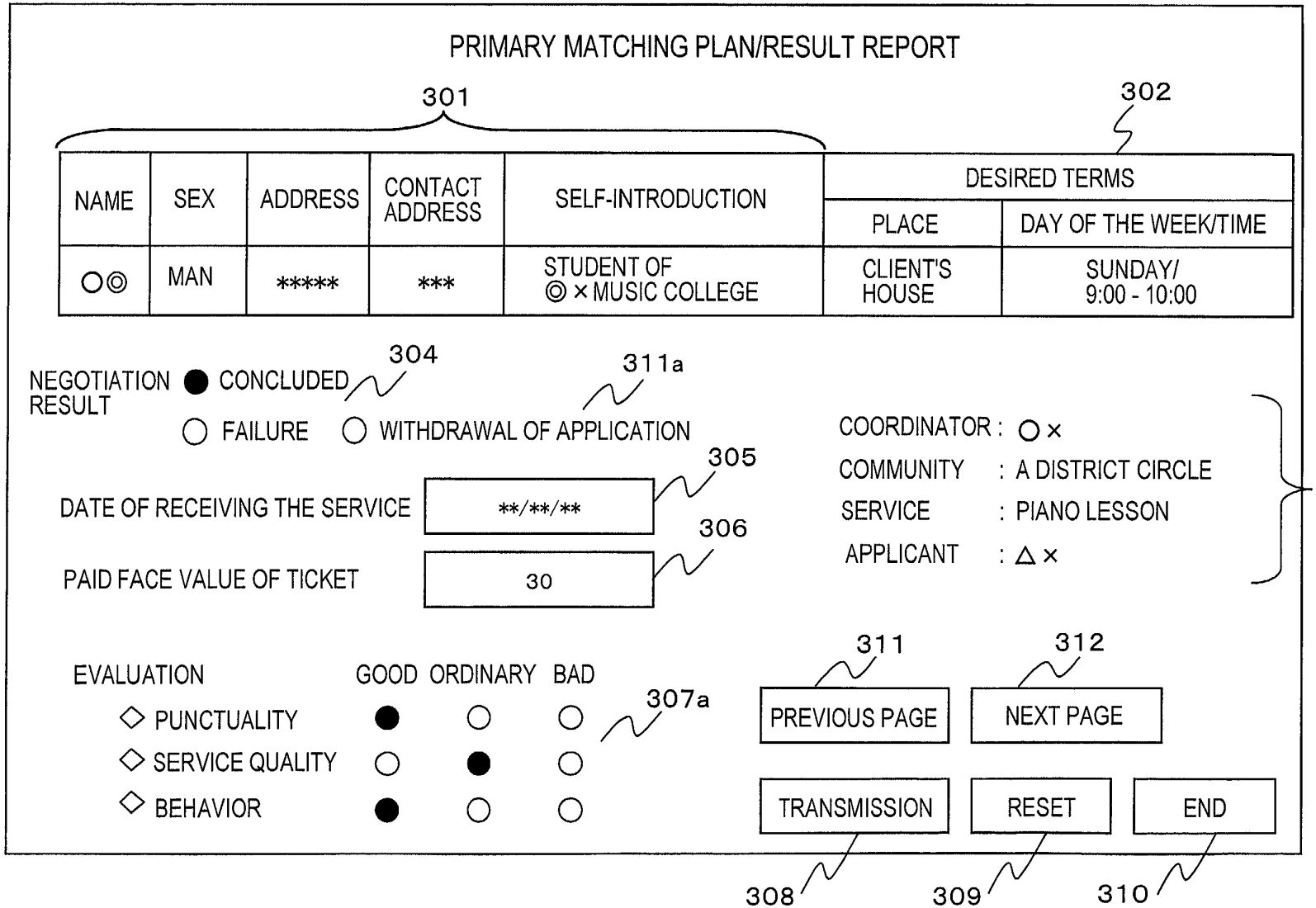

PRIMARY MATCHING PLAN/RESULT REPORT
301
302
NAME
SEX
ADDRESS
CONTACT ADDRESS
SELF-INTRODUCTION
DESIRED TERMS
PLACE
DAY OF THE WEEK/TIME
○◎
MAN
*****
***
STUDENT OF ◎×MUSIC COLLEGE
CLIENT'S HOUSE
SUNDAY/ 9:00 - 10:00
304
311a
NEGOTIATION RESULT
● CONCLUDED
○ FAILURE
○ WITHDRAWAL OF APPLICATION
305
DATE OF RECEIVING THE SERVICE
//**
306
PAID FACE VALUE OF TICKET
30
COORDINATOR : ○×
COMMUNITY : A DISTRICT CIRCLE
SERVICE : PIANO LESSON
APPLICANT : △×
303
EVALUATION
GOOD
ORDINARY
BAD
◇ PUNCTUALITY
◇ SERVICE QUALITY
◇ BEHAVIOR
307a
311
312
PREVIOUS PAGE
NEXT PAGE
TRANSMISSION
RESET
END
308
309
310

FIG.35

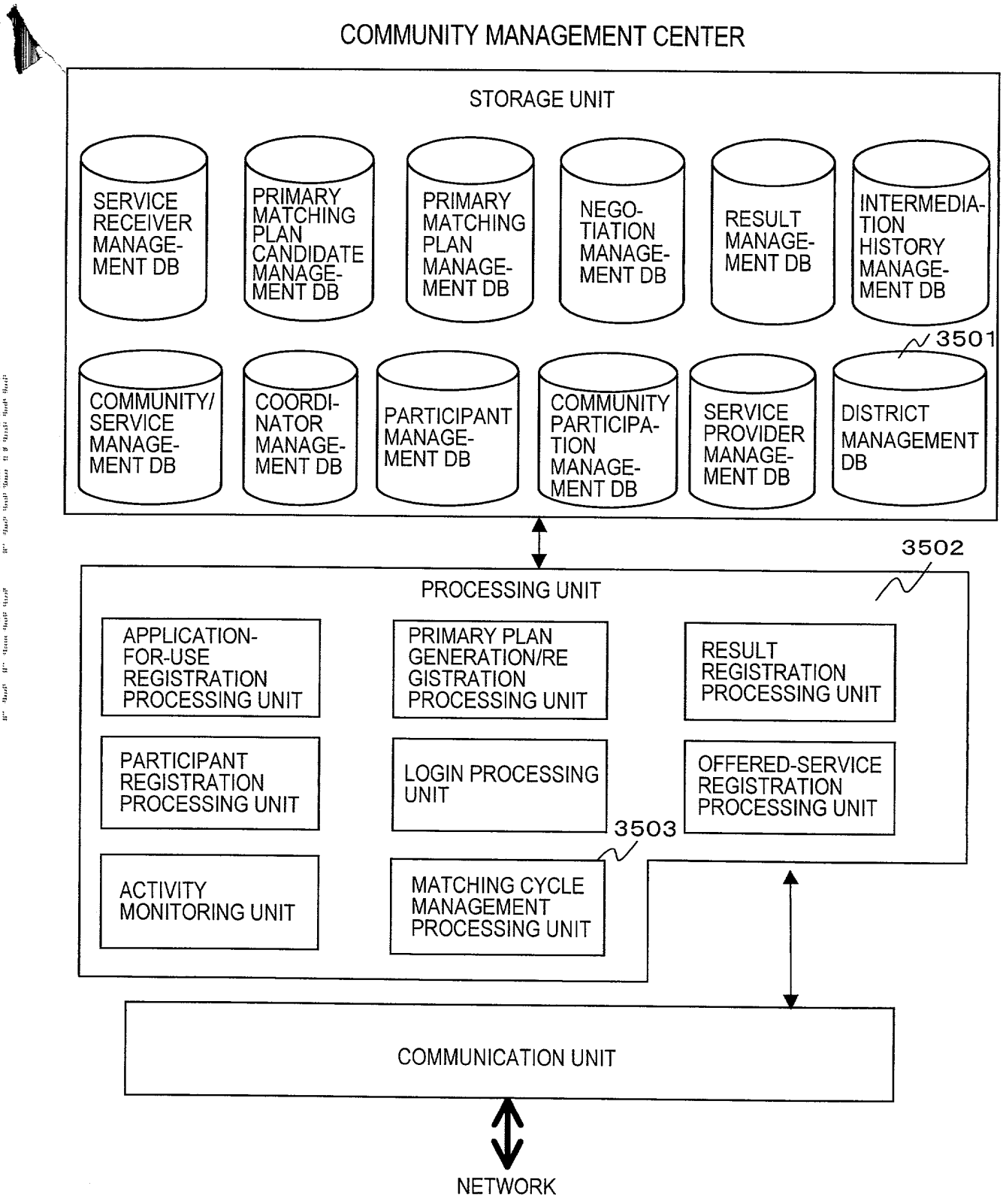

COMMUNITY MANAGEMENT CENTER
STORAGE UNIT
SERVICE RECEIVER MANAGE-MENT DB
PRIMARY MATCHING PLAN CANDIDATE MANAGE-MENT DB
PRIMARY MATCHING PLAN MANAGE-MENT DB
NEGO-TIATION MANAGE-MENT DB
RESULT MANAGE-MENT DB
INTERMEDIA-TION HISTORY MANAGE-MENT DB
3501
COMMUNITY/ SERVICE MANAGE-MENT DB
COORDI-NATOR MANAGE-MENT DB
PARTICIPANT MANAGE-MENT DB
COMMUNITY PARTICIPA-TION MANAGE-MENT DB
SERVICE PROVIDER MANAGE-MENT DB
DISTRICT MANAGEMENT DB
3502
PROCESSING UNIT
APPLICATION-FOR-USE REGISTRATION PROCESSING UNIT
PRIMARY PLAN GENERATION/RE GISTRATION PROCESSING UNIT
RESULT REGISTRATION PROCESSING UNIT
PARTICIPANT REGISTRATION PROCESSING UNIT
LOGIN PROCESSING UNIT
OFFERED-SERVICE REGISTRATION PROCESSING UNIT
3503
ACTIVITY MONITORING UNIT
MATCHING CYCLE MANAGEMENT PROCESSING UNIT
COMMUNICATION UNIT
NETWORK

FIG.36

DISTRICT MANAGEMENT DB 3501

3601	3602	3603	3604
DISTRICT ID	DISTRICT NAME	KIND OF TICKET	NUMBER OF RESIDENTS
000001	A DISTRICT	**	****
000002	B DISTRICT	**	****
000003	C DISTRICT	**	****
.....	.....	.....	.....